

IN THE CLAIMS:

Please cancel Claims 21-30, without prejudice, and please add new Claims 31-50 as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-30. (Canceled)

Claim 31. (New) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a premises, wherein the first processing device is located at a location remote from the premises,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the premises, wherein the second signal is transmitted from the second processing device to the first processing device on or over at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the premises, and further wherein the first signal is automatically received by the third processing device, wherein the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 32. (New) The apparatus of Claim 31, wherein the first signal is transmitted from the first processing device to the third processing device on or over at least one of the Internet and the World Wide Web.

Claim 33. (New) The apparatus of Claim 31, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 34. (New) The apparatus of Claim 31, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a

fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device.

Claim 35. (New) The apparatus of Claim 34, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claim 36. (New) The apparatus of Claim 35, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device effects a repair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 37. (New) The apparatus of Claim 31, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device effects a repair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 38. (New) The apparatus of Claim 31, wherein the third processing device is a personal computer or an interactive television.

Claim 39. (New) The apparatus of Claim 31, wherein the third processing device is at least one of a cellular telephone, a wireless telephone, and a personal digital assistant.

Claim 40. (New) The apparatus of Claim 31, wherein the premises is a residential premises or a residential building.

Claim 41. (New) The apparatus of Claim 31, wherein the premises is at least one of a commercial premises, a commercial office, a commercial building, an industrial facility, a commercial structure, an industrial structure, a manufacturing

facility, a drilling platform, a drilling rig, an oil drilling platform, an off-shore drilling platform, an off-shore drilling rig, a mining platform, an assembly facility, an assembly line facility, a mass production facility, and a production facility.

Claim 42. (New) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a vehicle, wherein the first processing device is located at a location remote from the vehicle,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device,

wherein the second processing device is located at a location which is remote from the first processing device and remote from the vehicle, wherein the second signal is transmitted from the second processing device to the first processing device on or over at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the vehicle, and further wherein the first signal is automatically received by the third processing device, wherein the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 43. (New) The apparatus of Claim 42, wherein the first signal is transmitted from the first processing device to the third processing device on or over at least one of the Internet and the World Wide Web.

Claim 44. (New) The apparatus of Claim 42, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 45. (New) The apparatus of Claim 42, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a

component transmits the fourth signal to the third processing device.

Claim 46. (New) The apparatus of Claim 45, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, and further wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claim 47. (New) The apparatus of Claim 46, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device effects a repair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 48. (New) The apparatus of Claim 42, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device effects a repair of the at least one of a fuel cell, a fuel cell temperature

measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 49. (New) The apparatus of Claim 42, wherein the third processing device is a personal computer or an interactive television.

Claim 50. (New) The apparatus of Claim 42, wherein the third processing device is at least one of a cellular telephone, a wireless telephone, and a personal digital assistant.